

ABSTRACT OF THE DISCLOSURE

A two-component foam system for producing foams for construction purposes includes, with a polyol component (A), which contains at least one polyol, optionally a catalyst for the reaction of the polyol with the polyisocyanate, water, and an aqueous polymer dispersion, and a polyisocyanate component (B), which contains at least one polyisocyanate, the quantitative ratio of polyol(s) to polyisocyanate(s) being matched so that, when the polyol component (A) is mixed as specified with the polyisocyanate component (B), a molar ratio of isocyanate groups of the polyisocyanate to OH groups of the polyols (NCO : OH ratio) of 1 : 5 to 10 : 1 is obtained.